

Chair of the RES Users? Committee, Carme Rovira, awarded the Ciutat de Barcelona prize

Rovira receives this award “for her contributions to unravelling the mechanisms of enzyme function through computational methods”.



[Carme Rovira](#) has been awarded the [Premi Ciutat de Barcelona](#) in the category of Experimental Sciences and Technology. She is a Research Professor funded by [ICREA](#), the prestigious Catalan Institute of Research and Advanced Studies, at the University of Barcelona (UB) and is a user of [RES](#), the Spanish Supercomputing Network and [PRACE](#), the Partnership for Advanced Computing in Europe. Dr. Rovira receives this award today “for her contributions to unravelling the mechanisms of enzyme function through computational methods and, specifically, for her recent results in the design of new catalysts for the chemical transformation of carbohydrates. In the future, these results will lead to the design of new drugs.”

Dr. Rovira’s research work focuses on the fields of theoretical chemistry and computational biology. She is an ICREA Research Professor in the Department of Inorganic and Organic Chemistry of the UB and is a member of the [Institute of Theoretical and Computational Chemistry \(IQTUCB\)](#). She has been a user of [RES resources](#) since 2006 and, since then, has been granted access to the resources for more than 90 activities, which equates to 20 million computational hours on the MareNostrum and MinoTauro supercomputers. She is currently the Chair of the [RES Users’ Committee](#) (CURES) and has also been granted use of [PRACE supercomputing resources](#).

The Ciutat de Barcelona Prizes are awarded by the Institut de Cultura de Barcelona, the city's institute for culture, and recognise excellence in creativity, research and artistic production achieved in Barcelona. The awards ceremony takes place today, with Mayor, Ada Colau, and Deputy Mayor Jaume Collboni in attendance

BSC Associate Director, Josep M. Martorell, was part of the jury that unanimously awarded the prize to Dr. Rovira. Martorell says “this award recognises the valuable work done by Dr. Rovira and is important because it also highlights the necessity of supercomputing resources provided by institutions like BSC, through networks like RES and PRACE, for the development of quality research. We wholeheartedly congratulate Carme on this well-deserved award.”

See an interview with Dr. Rovira for PRACE in the video below.

[Nota en castellano \(pdf\)](#) [Nota en català \(pdf\)](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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